

# algodue<sup>®</sup> ELETTRONICA

Innovative Electronic Systems

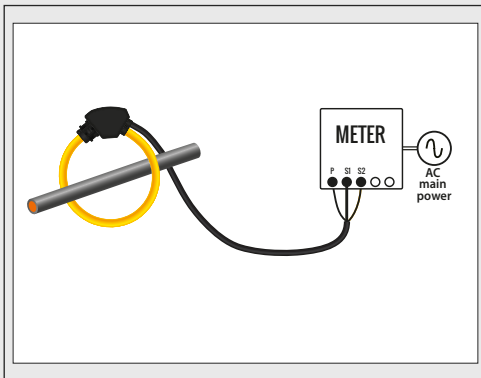
## ROGOWSKI COILS and SMART KITS



“Getting together is a beginning,  
staying together is a progress,  
working together is an achievement.”

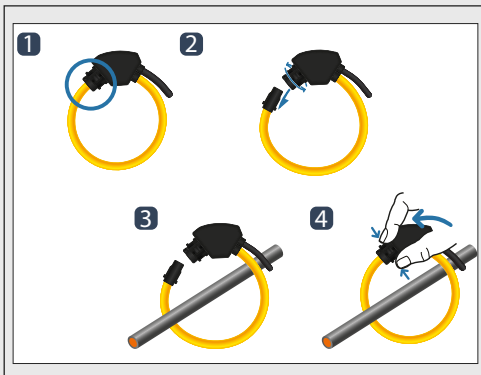
- Henry Ford

# ADVANTAGES



**1 Installation without interruption;**  
Split-core **Rogowski**, no need to remove power from the system.

**2 Handy and compact:**  
The current strength does not affect the size and weight of the coil. From few Amps to hundreds kAmps.



**3 Fast installation**  
It does not require you to remove system parts.  
Light enough to be suspended on the measured conductor.

**HANDY**

ROGOWSKI COILS  
and SMART KITS

# TECHNICAL FEATURES

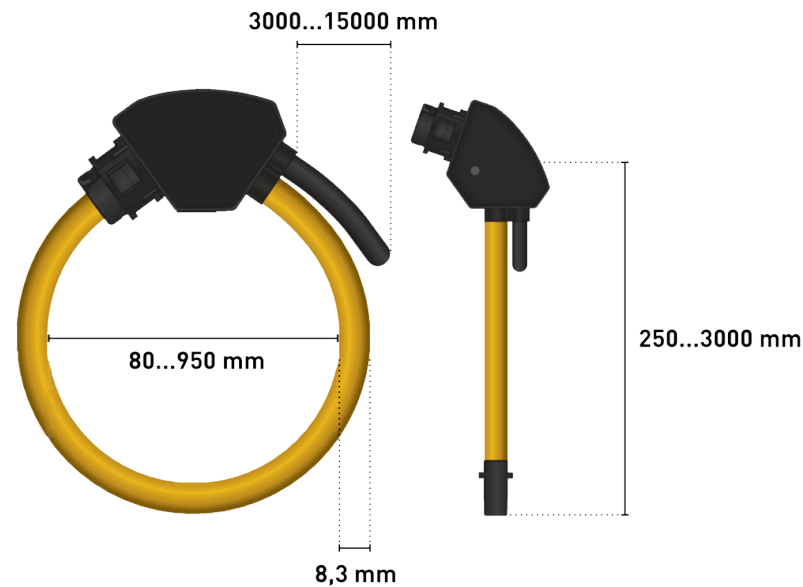
## Size

### Cross section:

approx. 8mm

### Coil lenght:

from 25cm to 300cm  
(up to 500cm for  
special applications)



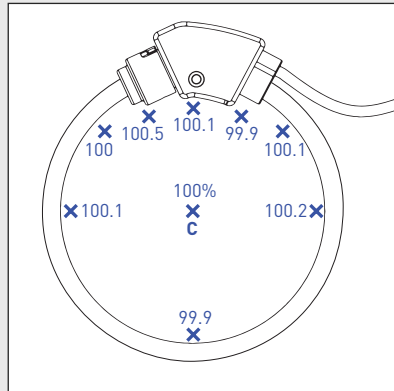
**Suitable for installation in places with limited access** and for retrofitting, especially if there is no space for split core CTs.

**COMPACT**

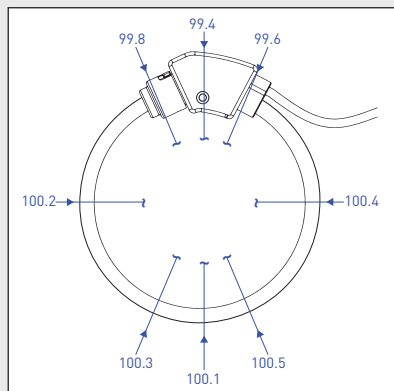
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# TECHNICAL FEATURES

## Accuracy



With the centered conductor  
(C position)



With the laid down conductor

- **Accuracy and positioning error**

better than 1% (0.5% on request)  
even close to the junction point.

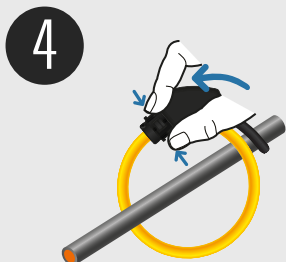
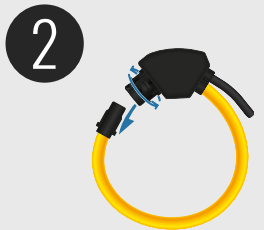
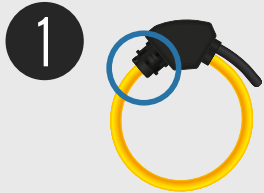
- **Junction point insensible** both to the position of the internal conductor and to currents carried by external conductors.
- **Coil and cable shielded** against electromagnetic noise

ACCURATE

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# TECHNICAL FEATURES

## Bayonet lock



### Secure lock

even in presence of vibration and/or pull-ups

### Stable lock

ensuring repeatability in

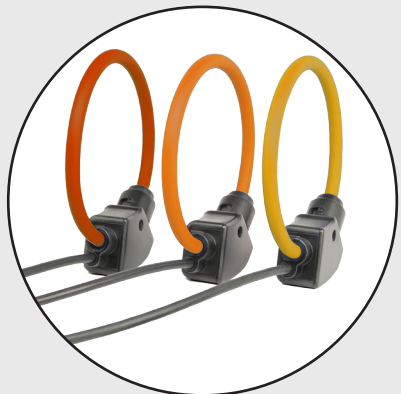
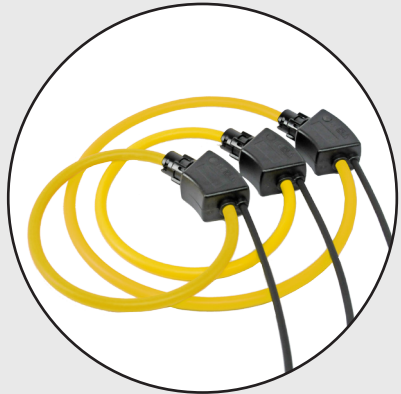
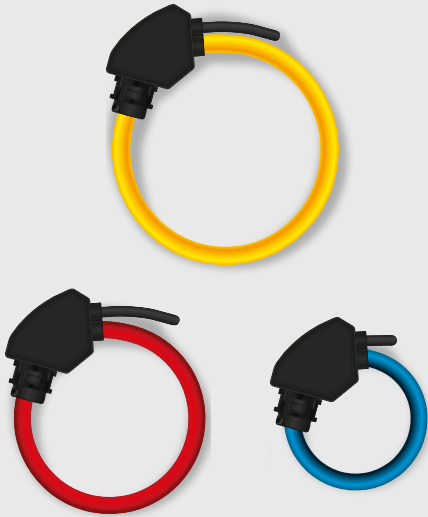
### Strong lock

even at extreme temperatures

**SPLIT-CORE  
ROGOWSKI**

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# CUSTOMIZATION



Algodue Elettronica is oriented in supplying **customized solutions**: our **Rogowski** Coils can be designed and technically adapted to customers' needs.

## Customizable items:

- Output value
- Coil and cable length
- Distinctive items for each phase (colored bands and/or labels)
- Coil color
- Label

**CUSTOMIZABLE**

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and SMART KITS

# SMART KITS

## Not only retrofitting

### FULL-OPTIONAL MULTISCALE KITS

suitable for network analysis and consumption monitoring.

#### SMART KITS Details

All Algodue devices that can be combined with **MFC150 Rogowski** Coils have an on-board integrator. This allows **direct connection between coil and analyzer**, reducing costs and required space for installation.



#### UPM209 + MFC150

Multiscale Network Analyser 4 DIN modules



#### UPM309 + MFC150

Multiscale Network Analyser 96x96



#### RPS50 + MFC150

Multiscale integrator with standard output for single **Rogowski** Coil

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*Innovative Electronic Systems*

*Thanks*  
for your attention

NOTES:

- All info and data are taken from the manual
- For security reasons, please always refer to technical specifications provided by Algodue Elettronica
- Subject to change without notice

**Algodue Elettronica srl**

Via Passerina, 3/A  
Fontaneto D'Agogna (NO) 28010 -  
Italy

Tel: +39 0322 89864 / 89307

Fax: +39 0322 89871

Mail: sales@algodue.it

[www.algodue.it](http://www.algodue.it)  
[www.rogowski.it](http://www.rogowski.it)

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